

Audio file

[1980-06-15 - Side_1 - Track_2.m4a](#)

Transcript

00:00:01

The electric car.

00:00:03

It may be an idea whose time has come this.

00:00:06

The concept gained fresh public exposure with an announcement on golf and Western Corporation that it's come up with a powerful and long lasting new battery.

00:00:15

The electric car is widely seen as a pollution free technology.

00:00:19

But could rescue North America from dependence on foreign oil.

00:00:22

There have been many so-called breakthroughs in the.

00:00:25

How close is the battery car?

00:00:29

This is Douglas Grant at the Henry Ford Museum in Dearborn, MI.

00:00:34

Here in this 14 acre Temple of American technology, the turn of the century electric car is a minor exhibit.

00:00:42

There's a story that Thomas Edison came to Henry Ford in 1908.

00:00:47

And suggested they join forces to mass produce a cheap electric car.

00:00:52

Henry Ford thought the batteries were too heavy and said no, but that was in 1908 and that was when gas was \$0.09 a gallon.

00:01:02

This is the commuter car.

00:01:04

It is the only electric passenger vehicle in production in the United States.

00:01:09

That you and I can go out and buy today.

00:01:11

It's as simple as can.

00:01:13

It's a two place vehicle has a range over 40 miles on one charge of the batteries.

00:01:18

It has a maximum speed of about 40 miles an.

00:01:21

You can charge the car for 25 or \$0.30 worth of your household electricity and drive.

00:01:26

For approximately 40 miles, at which time you plug it back in again, a recharge takes about six hours and you're ready to go out for another.

00:01:33

Miles of driving.

00:01:36

Larry Lindquist is the first electric car dealer in the Detroit area. His commuter car made in Sebring, FL, retails for just under \$5000.

00:01:46

Us.

00:01:47

The commuter car is the Model T of electric cars with A6 horsepower motor.

00:01:52

It's really a souped up golf cart.

00:01:55

The gears consist of a simple toggle switch.

00:01:57

The dash.

00:01:58

Switch to forward or reverse in terms of power and comfort. It doesn't compare with gas driven economy cars.

00:02:07

But Mr. Lindquist says you can't beat the operating cost.

00:02:11

We talked to a gentleman that that.

00:02:12

Ready to place his order as soon as our initial shipment comes in that spends \$150.00.

00:02:17

Month.

00:02:17

Drive his full size American car to and from.

00:02:21

That's all he uses on one particular vehicle for we calculated that his electricity cost will be about \$7.00 a month.

00:02:29

So you can see there that there are certain circumstances where you almost if the cars are there, you almost can't afford not to have one.

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He acknowledged a limited time for Lincoln dealer to make purchase or lease of a new Lincoln Continental Continental Mark 6, or Lincoln Versailles irresistible Lincoln Mercury Division.

00:02:50

But this is Detroit after.

00:02:53

The Motor City, a city of freeways where many people still prefer their cars big, fast and comfortable.

00:03:00

In a suburb of Troy, the Electric Auto Corporation is gearing up for the luxury market.

00:03:07

They're working on the silver Vault, a \$20,000 car.

00:03:11

The Cadillac of elect.

00:03:13

It's scheduled to go into production next year, perhaps in Windsor ON.

00:03:19

The silver vault is sleek and streamlined.

00:03:21

Painted Gray and of course electric blue.

00:03:25

Its designer Henry Lov says it's for the driver who wants economy without sacrificing style.

00:03:32

You know, as a little buddy sees a car or used to.

00:03:38

Or they couldn't live without and some of that has in the past now.

00:03:44

And we're trying to bring it alive again.

00:03:47

Robert Aronson is the inventor of the silver vault and a pioneer of electric car research in the US.

00:03:54

He feels his car has solved the electrics performance problem with its top speed of 70 miles an hour.

00:04:02

Its range is only 80 to 100 miles on a charge, but the car has a small emergency gas motor.

00:04:08

And the battery can be recharged within 45 minutes. That is, if the driver can find a recharging.

00:04:16

Mr. Aronson admits that he hasn't solved the chronic problem of battery deterioration in.

00:04:23

About four years, the battery will have to be replaced at a cost of 2 to \$3000, depending on the price of love.

00:04:30

In the meantime, he won't save.

00:04:33

An average of \$1500 a year on fuel and maintenance, so in four years you will have saved \$6000.

00:04:40

Then of course you'll be looking at replacing a battery at 2 to \$3000, so you're still way ahead.

00:04:48

The big electric car news this week was an announcement by the Golfing Restroom Corporation.

00:04:53

That it solved.

00:04:54

Problem of battery decay. The announcement was made amid great public relations hoopla at the Paramount Theater in New.

00:05:02

It was hailed newspapers across the US as the breakthrough that could take the electric car from the inventors drawing board to the assembly line.

00:05:13

Here at the company's Detroit affiliate Energy Development Associates, engineers are working on the new chemical power plant.

00:05:20

It uses graphite plates that seem to be almost indefinitely rechargeable in the laboratory, at least. The new battery has lasted the equivalent of 200,000 car miles.

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Competitors point out that the new system hasn't been rigorously Rd. tested, and Gulf and Western has yet to find an automaker to build a car around the power plant.

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But John Roman, the President of Energy Development Associates, says a powerful car using his system is feasible. He says it'll have a speed of up to 55 miles an hour and a range of 150 to 200 miles.

00:05:59

No, you still if you want to go from Toronto to Montreal, you still have to have a a waffling vehicle or take the plane or take the bus.

00:06:06

But we feel that it will change the lifestyle of the motoring public because this will become the first car, not the second car.

00:06:14

Not the two cars in your grounds and.

00:06:16

Once the gasoline.

00:06:17

It is at \$1.30 or dollar 50.

00:06:20

Another one that's at the 4555 cents.

00:06:25

And then we take.

00:06:26

The 55 cent one all the time and leaving the other one sit there for that trip to grammar.

00:06:31

Government studies in the US have found that 90% of all car trips are for 20 miles or less, comfortably within an electrics range.

00:06:41

But consumer acceptance is still a question mark.

00:06:44

Cars aren't bought for purely practical reasons.

00:06:48

And the electric car may well take the horsepower out of the American.

00:06:51

Of life.

00:06:52

For instance, is the average driver willing to accept a lower standard of vehicle performance?

00:06:58

Will families be willing to forego that traditional motoring vehicle?

00:07:03

We may not have much choice if gas becomes scarce, but Richard Waddell, the senior editor of Wards Auto World Magazine in Detroit, thinks ways will be found to accommodate long distance travel plans.

00:07:18

Number one, there will be no market for electric cars if it demands them to change this.

00:07:24

Personal transportation capability that they have gotten used to. I can see them going across the country with an infrastructure of fueling stations, so to speak, of fast charge stations all across the country.

00:07:37

You could perhaps get them up so that they'll take 200 miles and then you get a fast recharge just like you get your tank full of gas.

00:07:45

You've shot 45 minutes.

00:07:47

Well, there'll be 45 minutes charges to get you to the next station.

00:07:51

General Motors plans to have an electric car on the market by the mid 1980s.

00:07:56

And GM's president has predicted that by 1990 10% of his company's fleet.

00:08:02

Be electric.

00:08:04

Research is also underway on a hybrid car, one that could switch automatically from using gas on the highway to electricity for stop and Go city driving.

00:08:15

And non polluting electric car may be particularly suitable for urban Canada with our relatively cheap and abundant supplies of power.

00:08:23

And so after 70 years of the internal combustion engine, the age of the electric car now seems to be slowly dying.

00:08:32

And Thomas Edison.

00:08:33

Yet turn out to be a better prophet than.

00:08:35

Henry Ford for Sunday.

00:08:38

This is Douglas Grant in Detroit.

00:08:42

Affiliated stations, please stand by for local identification.

00:08:46

This is Sunday morning.

00:08:57

While affiliated stations pause this guide to items in our third.

00:09:00

Hour in 35 minutes on arts world playwright Michelle Tremblay, the angry young Man of Quebec theater, is now 38.

00:09:08

He hasn't mellowed.

00:09:09

Yeah.

00:09:10

The path that I was changing, they said OK, I have to hate him now, but I like that because.

00:09:17

At least people will discuss about the play.

00:09:20

The famous Quebec playwright Michelle Tremblay in 35 minutes on arts.

00:09:25

World in one hour, the International review three years ago tomorrow, 600 people died in the Soweto uprising in South Africa.

00:09:33

Today the Pretoria government fears a repetition of the bloodshed, discontent and protests spread.

00:09:38

You've got to negotiate. You've got to talk. And unless the government is prepared to stop locking people up, then I don't see any any hope of of this thing.

00:09:48

Just see a whole long period of sustained unrest.

00:09:52

So sowedo in one hour on the international review.

00:09:52

Africa four years.

00:09:56

Stand by now for the European Summit as we go to Venice.

00:10:00

This is Sunday morning.

00:10:12

The history of the European Economic Community has been filled with divisive bickering and violence writ of a common market.

00:10:19

But this week, when the 9 Heads of Government met in Venice, there was a strong display of unity. Despite nagging economic problems, foreign policy issues were dominant.

00:10:30

The summit closed with the declaration of a new European initiative on the Middle East.

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The summit and Redford international developments all point to a new and vital role for Europe in global affairs from Venice, Sunday morning's Nick Peters.

00:10:46

The bells of.

00:10:47

Mark's church ring out over.

00:10:48

Thank you.

00:10:49

A town now fills a capacity with tourists on their Midsummer vacations. The churches in the Piazza San Marco, on the edge of the Venice Lagoon, half a mile out in the basin, the tower and Church of the ancient monastery of San Giorgio, stand in splendid isolation on the.

00:11:04

Island of the same name.

00:11:07

It.

00:11:07

Here, amid pomp and ceremony that the 9 European leaders arrived to their summit meeting on Thursday afternoon.

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The Italian Government took no chances, with security, having received a threat from the Red Brigades terrorist group that the summit would be attacked.

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The fact that the conference could only be approached by boat helped as all visitors could be carefully screened, getting to and from the island.

00:11:30

Between the waterfront of San Marco and the tiny harbor on the island of San Giorgio, naval patrol boats launches, gunboats and even a warship stood guard while on the island itself, heavily armed soldiers, backed up by units of fragment, protected the precious clutch of VIP's.

00:11:46

Security in the air was maintained by a constant helicopter watch over the island.

00:11:52

The summit took place just two weeks after the 9 Heads of Government had reached a settlement which brought to an end 12 months of long and bitter infighting over methods of internal financing.

00:12:02

They came to the meeting determined not only to kiss and make up, but also demonstrate to the world that they can work together if needs be.

00:12:10

This air of reconciliation couldn't disguise the tremendous problems they had to discuss, and which.

00:12:15

Currently plaguing them for a start, their entire internal financing arrangements will have to be overhauled soon if the common market is not going.

00:12:23

Then there's the rapidly rising price of oil, which the leaders agreed was a dangerous threat to the economic and political stability of nations all over the world. But gloomy, and undoubtedly vital as those talks were to the 9 leaders, the summit was overshadowed by their declaration of a.

00:12:39

Initiative in the Middle East.

00:12:43

Palestinian people being able to have to decide that a future.

00:12:49

But no one, I think has really, apart from working out the options in survey, has really gone round to all of the parties and said now look for future life.

00:13:01

As a briefing for journalists during the summit, British Prime Minister Margaret Thatcher explained the.

00:13:04

OK.

00:13:06

Which looked the.

00:13:07

EC to make this initiative.

00:13:08

We.

00:13:09

Really are trying to supplement what the United States is doing to do something very, very positive.

00:13:16

The peace plan, when it emerged, was obviously designed to make a lot of noise but not actually say a great deal.

00:13:22

Much of the hard substance of Europe's original intentions on the Middle East had been diluted by pressure in recent weeks from the White House, for instance.

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To be no amendment to United Nations Resolution 242, which protects the statehood of Israel.

00:13:35

Neither is there to be a direct diplomatic recognition that the Palestine Liberation Organization.

00:13:41

Diluted or not, however, the very presence of this plan represented to an extent, a challenge to the United States to make.

00:13:47

Progress.

00:13:47

The flagging Camp David initiative, but was it an aggressive move by Europe aimed at outflanking the United States? Moves, according to Harold Hopzer a.

00:13:56

German commentator on common market affairs.

00:13:58

The answer to that is no.

00:14:00

He who has the power called the shots and although the Europeans have tremendous economic power, while military power is negligible.

00:14:12

In the context of superpower relationships, so I think as long as the Europeans live under the American nuclear umbrella and live very well under this umbrella, I think it's only fair for the United States to.

00:14:27

Make their wait be felt.

00:14:29

And the European leaders themselves were quick when it was all over to send soothing messages to the United States, for example, this statement by Margaret Thatcher.

00:14:37

No one here wants to tread on the Americans toes.

00:14:40

We just want to try to be helpful in solving the problem of the Middle East.

00:14:45

And we're extremely worried that with the tensions which have been developing recently, there's something extra is done not undermining anything else but something extraordinary.

00:14:55

Then the situation might deteriorate and I think we're trying to be very practical about it instead of just talking in broad generalisations in great big diplomatic phrases, we're saying there's a practical job to be done.

00:15:09

How to have secure?

00:15:11

Both Israel, how to try to fulfill.

00:15:15

The ideal that the Palestinian people, too, should be able to decide their own future.

00:15:21

Once the declaration had been made, the focus moved to Washington and Secretary of State Edmund Muskie gave a press conference at which he gave precious approval to the European initiative, even saying that if.

00:15:32

PLO would recognize, Israel stated, then they would be accepted.

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Table by the United States postal London correspondent to the New York Times, who is in Venice for the summit, believes the American position is not quite as friendly as Mr. Luskys initial reaction might indicate.

00:15:48

In fact, they don't like this very.

00:15:50

They don't like the Europeans poking their noses in taking independent initiative.

00:15:56

It went too far in a number of areas and I think for American taste in terms of Jerusalem, in terms of the association of the Palestine Liberation Organization with.

00:16:06

Our past talks.

00:16:08

But there has been so much tension across the Atlantic in the last few months.

00:16:11

Think both sides have decided to use rather mild language for a few days.

00:16:15

But are the Europeans really united? Their differences are legendary, and despite the joint communique issued at the end of the summit, it's well known that individual nations have their own very strong ideas, particularly about the Middle East and about Europe relationship with America.

00:16:30

However, political editor of The Guardian newspaper Peter Jenkins doesn't see that as a fundamental obstacle to a.

00:16:36

On foreign policy, the German.

00:16:38

I think always look over their shoulders for Americans and other country least willing to risk quarreling with the United States whilst the French of a country most willing to risk quarreling with the United States.

00:16:53

But these, I think, are differences of emphasis and not fundamental differences as far as the Middle East is concerned.

00:16:59

The counting.

00:16:59

Of the European initiative could be regarded as.

00:17:01

The major easy countries will have to face up to President Carter at the World Economic Summit here in Venice next weekend.

00:17:08

And the way that.

00:17:10

Could have a profound effect on the future partnership of the Western Alliance.

00:17:14

Discord on that occasion could produce a fundamental weakness with serious long term consequences.

00:17:19

I asked Peter Jenkins to assess which way it will go.

00:17:22

I think what you will see coming from that summit, some kind of joint declaration which, if it can't settle the differences, which now exist across the Atlantic, will at least pave the.

00:17:33

Way.

00:17:35

As a result of this experience, will.

00:17:38

Will will have.

00:17:38

Will find itself recognizing that the European allies are planning a more independent and equal role.

00:17:44

Within the alliance.

00:17:46

Factor in Western foreign policy will take some getting used to on both sides of the.

00:17:50

Atlantic the many and varied pressures at work in the world today make the emerging European independence very vulnerable.

00:17:57

Their own domestic relations can so easily produce flash fires of controversy and division that this tiptoe onto the world stage may end up as just a nine day wonder.

00:18:06

Alternatively, America will have to begin taking their European allies a great deal.

00:18:11

Seriously, in the future for Sunday morning, this is Nick Peters in Venice.

00:18:17

The weak prices rise.

00:18:19

Smoke number.

00:18:21

The Consumer price index jumped 1.2% in May, the biggest monthly jump this year. The sharp increase means that the annual rate for the index stands now at 9.4%.

00:18:31

Higher prices were reported in all categories, with tobacco, alcohol, food, recreation, health and transportation showing the largest jumps. The latest increase means.

00:18:41

Basket of goods and services, which cost \$100 in 1971, now cost \$207.60 a week on Sunday morning.

00:18:54

I'm not.

00:19:23

I.

00:19:27

Box of Tajikistan. Another thing.

00:19:33

Played by the country song and Dance Group of Radio Riga in a pub.

00:19:52

I.

00:19:55

No problem.

00:20:03

I.

00:20:36

The.

00:20:42

And.

00:21:42

In a prom lesson fold down stomach. Oh.

00:21:45

My God, you.

00:21:46

Are Russian folk song radio, most of Russian choir led by Nikolai Kutuzov.

00:22:31

The.

00:23:03

I.

00:23:29

Here.

00:24:04

I.

00:24:20

The.

00:24:35

The.

00:24:39

Google.

00:24:42

I.

00:24:50

Oh.

00:25:04

The.

00:25:20

Whoa.

00:25:24

Hello. Hello.

00:25:44

Oh my.

00:25:45

And next you can hear an azerbaijani folk song sung by Mubariz Tagiya.

00:25:59

I.

00:26:04

The.

00:26:10

The.

00:26:13

I.

00:26:52

I.

00:26:57

I.

00:27:43

Google.

00:28:13

Hello.

00:28:55

Hallelu.

00:29:01

Hi Cortana.

00:29:13

The.

00:29:21

I.

00:29:28

In an azerbaijani folk song and to conclude this program of music from radio astronomers, we have piece played by the Andre Russell Orchestra of Radio.

00:29:41

I was dancing with the Mets Russian folk song.

00:30:34

The.

00:30:53

I.

00:31:02

They're reminded that they're now adding frequencies in the 60 meter band and some frequencies in the median wave erasure. Most of.

00:31:11

World's.

00:31:12

Is broadcasting in the 1619253141 and 49 meter bands.

00:31:19

And listeners in Europe can also receive us and media names on 200 and one, 200 and 16200 and 27200 and 56262.

00:31:33

Or 321 meters and listeners in the southeast of the United States on 500 meters.

00:32:08

The.

00:33:24

The.

00:33:35

1st in plastic from agricultural waste is of course triggered by the continuing problems of oil, finite resources and rising prices.

00:33:44

Problems are making many people turn back to coal as a primary source of energy, much as it was in the last century.

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However, the 19 century was a grimy time in which to live.

00:33:54

Cold dust is filthy and it has a knack of getting into every crevice. Oil and gas have the advantage of being fluid so that they can be piped.

00:34:03

A British company is having great success with piping coal. Not a new idea in itself, but the macrobair engineering.

00:34:11

They shoot slugs of coal along the pipe with compressed air, rather like an air rifle, shoots pellets along its barrel.

00:34:19

Like it's an automatic machine air gun with coal for bullets.

00:34:23

Richard Brooks, a consultant of the firm, told Arthur Conway more about the dents of air.

00:34:27

As it's called.

00:34:29

The system that's used by the Corby is known as the dense phase principle, in which the cold travels in solid slugs of material along the pipework on a continuous cycle, with each slug being pushed by.

00:34:42

Pump of compressed air.

00:34:44

There must be some ingenuity involved in this.

00:34:46

How do you put flu?

00:34:48

I'm going.

00:34:50

ID on the heart of the system is the pressure vessel, which is shaped rather like an inverted pair.

00:34:51

Well.

00:34:56

Basically what happens is that the lumps of coal are fed by gravity into the.

00:35:00

Right.

00:35:05

Yes, or or it can be various means of putting the coal actually into the pressure vessel.

00:35:09

It basically comes down.

00:35:10

Gravity in the end.

00:35:13

Then you of course you have to shut off the pressure vessel to make it pressure tight and mcorver system uses its own development, which is the stone bar.

00:35:21

Which closes off the system to make it possible to inject the compressed air.

00:35:26

So it as it were, cuts off a particular amount of coal that's being fed in. And then after that.

00:35:32

You just pump air in.

00:35:34

As fast as you can in.

00:35:35

To push the slug along.

00:35:36

No, indeed, it's a single injection of air per slug, and this does the trick, and in fact can convey solids like coal. As far as 200 meters through standard mil.

00:35:48

But pumping coal with compressed air is not basically new, is it?

00:35:52

It's not.

00:35:53

In essence, the other conventional pneumatic systems work on what's known as the lean phase principle, which is rather like the conventional domestic vacuum cleaner.

00:36:01

Into very high volume of areas used to fluidize particles and blow them along pipe work.

00:36:08

But this has the greatest disadvantage in the sense that it cannot handle more than a few types of coal on the face of it, it would sound as if that would wear out the pipes rather less than rubbing a chunk of coal, a plug of coal.

00:36:22

Inside of a pet.

00:36:23

No. In fact the converse is.

00:36:25

The lean phase systems have always had the problem of wearing out the pipe work.

00:36:29

Because the matter is travelling at such a high rate in the dense fumes principle because the.

00:36:36

Jumps with coal are travelling at such a low rate about 5 metres per second.

00:36:40

They do not have the same effect.

00:36:43

And can you get them round bends and up their vertical lengths?

00:36:46

For yet indeed.

00:36:47

Been no problem at all on that.

00:36:49

Macobar have invented their own particular type of bend which ensures minimum pipe wear. And when your slug of coal has got.

00:36:57

To the other end, what happens next?

00:37:00

Well.

00:37:00

In a typical system, it would go into a delivery hopper.

00:37:03

And as soon as that happened, the pressure drop is noted by the electronic logic which initiates the next cycle and the next log of material.

00:37:13

Was automatically in safe Lim with no dirt coming out into the atmosphere.

00:37:17

Yes, its fully automatic and its totally enclosed and the impact on the environment is exactly the same as pumping.

00:37:24

Or gas.

00:37:25

Well, if it's so nice to invite you, don't be suitable for other nasty substances too, beside cold.

00:37:31

Yes indeed, the system is now being used throughout the world for a wide range of of substances, including such hazardous substances as asbestos. In fact, it's now being installed for conveying things like.

00:37:45

Graphite iron oxide vermiculite for making fireproof board and of course also for food stuff such as sugar beet pellets which are used as animal feeds.

00:38:01

Richard Brooks was telling Arthur Conway about the dens surveyor conveyor system for solid materials.

00:38:07

If you were listening to science in action last week, you may recall that we had an item about screening children to see if it was possible to identify those who might be more likely to suffer heart attacks later in life.

00:38:19

Our next item is along much the same lines.

00:38:22

But the risk?

00:38:23

Are trying to spot is not heart disease, but cancer.

00:38:27

Researchers at Durham University and the Cookridge Hospital in Leeds are trying to find suitable markers which indicate that a child might be at risk from cancer.

00:38:36

**** Oliver asked Doctor Sheila Cartwright of the hospital to explain how the risks of cancer in children arose and how they might be identified.

00:38:44

We are suggesting that the child is exposed in utero, probably to harmful agents. Perhaps some of them environmental, others endogenously, produced in the mother.

00:38:56

And we're then trying to see if we can find some type.

00:39:00

That will indicate that the child has been so exposed.

00:39:03

I'm particular series of tests that we're looking at are the fingerprints of the children, their hands and their souls.

00:39:11

Well as.

00:39:11

To see if we can detect unusual configurations or worlds in these patterns, what suggest?

00:39:20

1st 16 weeks of life when the new child is developing that the organs of the body are being laid down at the same time, the rich patterns on the fingers are also being formed.

00:39:33

And the sisters exposure to harmful agents.

00:39:35

This.

00:39:36

Then we might see the marks of this some years later, when, sadly, perhaps the child comes to our care with a malignancy.

00:39:43

No2 fingerprints are the same.

00:39:46

So what exactly is it you're looking for?

00:39:47

Have you established a relationship already?

00:39:50

Well, we are looking at the presence patterns of the finger and the Ridge creases and what we have.

00:39:57

Able to see.

00:39:59

Is to see several unusual configurations, ones that we perhaps would only expect to see this particular pattern, perhaps one in 1000 children, and we've had several of these in our initial series of 100 children.

00:40:14

This has encouraged us to go on with the work and we're now extending it to look at the brothers and sisters of the children.

00:40:20

To see if they have been so exposed, whether we can perhaps see the patterns in them as well.

00:40:26

Also, looking at the parents to see if this is perhaps something that runs in the family.

00:40:31

Are there any other indicators that you are exploring?

00:40:34

It's also looking for various genetic factors, as I would suggest to you, perhaps that underlying the development of the cancer is the predisposition to a growth which may well be genetic, something that is handed from.

00:40:48

Mother and father.

00:40:49

Child, as several children's cancers do, tend to run in families.

00:40:54

Maybe this underlying genetic problem, perhaps they're not able to detoxify harmful substances that are taken in the diet.

00:41:04

Whereas other members of the Community are able to enhance their.

00:41:08

At risk to develop malignant disease.

00:41:11

So might this project lead to not only finding the children who might be at risk and watching them carefully and perhaps treating them before the trouble develops? But might it also lead to?

00:41:26

Ways of avoiding problems before people, even.

00:41:31

Get to the point of starting to have a child.

00:41:34

Yes, I think there's good evidence now that there are various substances in the diet which in fact inhibit the growth of malignancy, perhaps in this category, one could consider the cruciferous vegetables with vitamins and so on that have an inhibiting role.

00:41:51

So that if we were able to detect children who were at risk for developing malignant disease and then suggesting that they should take in their diet.

00:42:00

Additional vitamins then we may in fact be able to present them developing the malignant disease, but if we're not able to prevent, then I would hope that we are able to pick the children up at an earlier stage when the cancers are at a more treatable stage.

00:42:16

Doctor Sheila Cartwright of the Cook Ridge Hospital in Leeds was talking to **** Oliver.

00:42:21

And finally, his Peter Beer to talk on a subject that is rather too frequently in the public eye.

00:42:27

Later, London's cosmopolitan character is nowhere more evident than in such places as pedestrian tunnels, lifts in buildings and public toilets for its in places like that that one sees today, Raffi tea in almost every script and language known to man.

00:42:44

They promote the causes of factions from every corner of the Earth and also let's submit it. They exhibit a host of other, perhaps less desirable, features of human thought and behaviour.

00:42:55

What? In some countries there's no other outlet for free expressions other than public walls.

00:43:00

But even in democratic lands, the temptation of large blank spaces seems overwhelming.

00:43:08

As I say, people seem tempted to write just about everything on walls, arguments, appeals, abuse, and sometimes amusement too. Near the university buildings, one gets quite.

00:43:21

The footballer slogan, A West Ham rules okay changes into things like Einstein. Rules are relatively okay and.

00:43:30

Heisenberg rules, OK, and perhaps a sideways look at the great scientists uncertainty principle.

00:43:37

But funny or not, public authorities at least have to regard all these expressions of the spirit as a form of vandalism.

00:43:45

And we agree, when the graffiti happened to displease us personally, although perhaps we should welcome the news that a British firm is producing what it calls.

00:43:55

A range of anti vandal coatings and repair product.

00:43:59

Are these coatings are for application to poorer surfaces of concrete or brick so that they can't be permanently marked by felt pens or aerosol paint sprays once the porous surface

is sealed with these preparations, which are made by Quint Plast limited, the slogans and the sex symbols can.

00:44:18

Be dissolved away with cleaning fluid.

00:44:21

But what if the Vandals have got in first?

00:44:23

Well, have an answer to this too.

00:44:26

Colour coatings that obscure the graffiti, and we've got various other products to defeat mural publicists, multi coloured flakes for instance, under a clear topcoat. The colour scheme is such that graffiti can complete only with difficulty.

00:44:41

And so gratuitous artistry is discouraged.

00:44:43

The finishes with the appearance of coloured sandpaper are also in their catalogue, and these are said to be hard to scratch your eyes on and yet easy to clean.

00:44:52

Modern technology also provides colorful epoxy resin finishes.

00:44:57

For.

00:44:57

Quantplast describes areas of more severe abuse.

00:45:02

Faced with all risk technology, those of us with a sneaking regard for graffiti may reflect that graffiti have never been wholly defeated yet.

00:45:11

Somehow, somewhere, some of the time they do generally manage to get their message across.

00:45:17

Thank you, Peter.

00:45:18

What Kelvin rules, absolutely.

00:45:20

K have you heard that one?

00:45:22

Whilst most of my favorite graffiti are totally unrepeatable, I like the one in French.

00:45:28

Dodos. Groucho and the laconic. This wall is now available in paperback on a very well decorated space.

00:45:35

But it's no.

00:45:36

The writing is on the wall. I've got to go try and join us again at the same time next week, when I'll be introducing another.

00:45:42

A tradition of sounds in action until then, goodbye.

00:45:53

Now, tomorrow in the BBC World Service at 2209, following our Bulletin of World News at 22 hours, there's the world today and the program will be looking at America's defence.

00:46:05

The recent false alarms in the United States Nuclear Alert system, following within a matter of weeks, the failure of the hostage rescue mission in Iraq.

00:46:15

Have very serious questions about the state of America's military technology and about the quality and morale of the countries armed forces.

00:46:23

So in the world today, tomorrow on the era 2209, we'll ask just how efficient is the American war machine?

00:46:31

At tomorrow at 2209, the world today.

00:46:37

But now reflections and as usual, at this time of the week, another in our series with one accord. Today the first of three meditations, led by Evelyn Friedlander.

00:47:01

I first played the introductory music in public.

00:47:03

Many years ago.

00:47:05

But some of unusual concert which I gave in Germany.

00:47:09

A mere 10 years after the war. But you?

00:47:11

This child is returning to play in the city her parents had left as refugees shortly before the beginning of the war.

00:47:18

The local press.

00:47:19

At that time, made much of it.

00:47:21

People had.

00:47:22

To look rather than to listen, but some.

00:47:28

The Foncing organization was called de Brock the bridge so that there was a ready made story for the journalist.

00:47:35

I was represented as a real life bridge, a symbol of reconciliation. I did not feel like a symbol of reconciliation.

00:47:44

I was a young musician who wanted to play the piano to an audience that.

00:47:48

Just as the onlookers turned into listeners and became absorbed in the music, so I stopped being a performer and became a part of that music. The music reconciled us, the music became a bridge.

00:48:03

Because we were able to share the music that audience and I, the German and the child of Jewish refugees could begin to move towards one another across that bridge of music.

00:48:15

Begin to speak.

00:48:16

With one accord.

00:48:18

And as Mrs. idle of mine almirana, the widow of the composer Gustav Maher wrote, the book called and The Witch is love, she says, found love in and through music.

00:48:30

It became her world, where she moved among some of the men of genius.

00:48:34

Her time.

00:48:35

And discovered beauty and truth, pain and joy.

00:48:40

I particularly treasure a letter which.

00:48:42

Received from her my husband.

00:48:43

Hello.

00:48:43

And I lived in New York.

00:48:46

She thanked us for sending her a book by can one live without faith in God.

00:48:53

Oh no, I should add.

00:48:54

Had also married from Sarasota, but she ended her mint with the words excuse my writing, but I am old and tired.

00:49:03

It's been aunt and Moody.

00:49:06

I was shaken by this.

00:49:08

Here I was a bright, shining personality, always surrounded by brilliance.

00:49:13

Mala Kakashkar raffle grip. Bruno Volta. Coming to the end of her days.

00:49:20

She actually died two months later.

00:49:23

In an age where women have fewer rights, she had occupied the center of the stage.

00:49:30

Now each letter in her note was shaky from the effort of writing.

00:49:34

Yet today, when I reflect upon it, I am deeply grateful to her.

00:49:39

She had reminded me of doors that could be opened of worlds that could be entered after.

00:49:42

Replay.

00:49:45

Final movement. She reached out toward new people, new experiences. She had lived a full life, had crossed many bridges.

00:49:55

Love was a bridge.

00:49:57

Music was a bridge for so many bridges in the world which lead us towards our fellow beings.

00:50:04

When I think back to that concert in Germany, I must confess that I now see it as.

00:50:09

Lost opportunity.

00:50:11

For a moment on that musical bridge I was on the way towards reconciliation.

00:50:17

But the music ended.

00:50:18

And I was once again a child, little bit scared by the Germans surrounded me.

00:50:24

But I keep looking for bridges for ways which will lead me into a cord with my neighbors, my religion.

00:50:31

Judaism teaches us that there is a prayer, a blessing in every occasion.

00:50:37

Out of this knowledge come with a Jewish prayer.

00:50:40

May the time not be distant. O God, when your name shall be worshipped in all the earth, when unbelief shall disappear and error be no more.

00:50:51

Certainly we pray that the day may come when all should turn to you in love, when corruption and evil shall give way to integrity and good.